Format No: CP/TF/01

TEST REPORT OF FINE AGGREGATE

Lab ID	:	CP-2017-12-25-09
		Date: 29-12-17
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Constructions of CC Roads and Drains at LBS Nagara in Ward No.04
Agency	:	Sri.R. Subramani, No.105, 3rd Circular Road, Nandini Layout, Bangalore-560096
Customer's Reference	:	EE(Project)/YnkZone/WO/81/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	25-12-17
Sample ID No	:	2017-12-25-09/03
Sample Type	:	Fine Aggregate
Reference to BIS codes	:	IS 383 : 2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1, 3) RA2012 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	26-12-17
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	94	94	9.4	90.6	90-100	90-100	90-100	95-100
3	2.36 mm	140	234	23.4	76.6	60-95	75-100	85-100	95-100
4	1.18 mm	165	399	39.9	60.1	30-70	55-90	75-100	90-100
5	600 micron	200	599	59.9	40.1	15-34	35-59	60-79	80-100
6	300 micron	280	879	87.9	12.1	5-20	8-30	12-40	15-50
7	150 micron	66	945	94.5	5.5	0-10	0-10	0-10	0-15
8	Pan	55	1000	100.0	0.0	---	---	---	---

Result :The tested Sample Conforms to Grading Zone II

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Asst Executive Engineer Project Division Yelahanka Zone Bangalore

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TEST REPORT OF FINE AGGREGATE

Lab ID : **CP-2017-12-25-09**

Date: 29-12-17

Sample ID No : 2017-12-25-09/03

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.28	–
2	Specific Gravity	2.56	–
3	Material finer than 75 micron(%)	5.40	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

Note:

The results pertain to the samples received and tested.
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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-01-08-07** **Date: 10/01/2018**

Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.

Address : Project Sub Division, BBMP, Bangalore.

Project Name : Constructions of CC Roads and Drains at LBS Nagara in Ward No.04

Agency : Sri.R. Subramani, No.105, 3rd Circular Road, Nandini Layout, Bangalore-560096

Customer's Reference : EE(Project)/YnkZone/WO/81/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 08-01-18

Sample ID No : 2018-01-08-07/01

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 10/01/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	03/01/2018	10/01/2018	150.32 X 150.13 X 150.32	22568	8.290	521.3	23.1	23.9
2	Cement Concrete Pavement	M30	03/01/2018	10/01/2018	149.77 X 149.32 X 150.22	22364	8.190	541.2	24.2	
3	Cement Concrete Pavement	M30	03/01/2018	10/01/2018	149.10 X 151.32 X 150.55	22562	8.220	552.8	24.5	

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer Project Division Yelahanka Zone Bangalore

****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 31/01/2018

Lab ID	:	**CP-2018-01-08-07**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Constructions of CC Roads and Drains at LBS Nagara in Ward No.04
Agency	:	Sri.R. Subramani, No.105, 3rd Circular Road, Nandini Layout, Bangalore-560096
Customer's Reference	:	EE(Project)/YnkZone/WO/81/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	08-01-18
Sample ID No	:	2018-01-08-07/02
Customer ID	:	Cement Concrete Pavement
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M30 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	31/01/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	03/01/2018	31/01/2018	150.01 X 150.34 X 150.54	22553	8.276	739.7	32.8	32.8
2	Cement Concrete Pavement	M30	03/01/2018	31/01/2018	150.65 X 150.89 X 149.98	22732	8.230	752.4	33.1	
3	Cement Concrete Pavement	M30	03/01/2018	31/01/2018	149.39 X 150.43 X 150.33	22473	8.280	730.4	32.5	

Note:

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Quality Manager

CIVIL PRO Sig Date BANGALORE

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-01-08-07** **Date: 11/01/2018**

Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.

Address : Project Sub Division, BBMP, Bangalore.

Project Name : Constructions of CC Roads and Drains at LBS Nagara in Ward No.04

Agency : Sri.R. Subramani, No.105, 3rd Circular Road, Nandini Layout, Bangalore-560096

Customer's Reference : EE(Project)/YnkZone/WO/81/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 08-01-18

Sample ID No : 2018-01-08-07/03

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 11/01/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	04/01/2018	11/01/2018	150.35 X 150.22 X 150.43	22586	8.180	530.8	23.5	
2	Cement Concrete Pavement	M30	04/01/2018	11/01/2018	150.54 X 150.11 X 150.10	22598	8.230	558.2	24.7	24.4
3	Cement Concrete Pavement	M30	04/01/2018	11/01/2018	150.56 X 150.54 X 150.55	22665	8.199	564.4	24.9	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-01-08-07** **Date: 01/02/2018**

Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.

Address : Project Sub Division, BBMP, Bangalore.

Project Name : Constructions of CC Roads and Drains at LBS Nagara in Ward No.04

Agency : Sri.R. Subramani, No.105, 3rd Circular Road, Nandini Layout, Bangalore-560096

Customer's Reference : EE(Project)/YnkZone/WO/81/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 08-01-18

Sample ID No : 2018-01-08-07/04

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 01/02/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	04/01/2018	01/02/2018	150.23 X 150.14 X 150.26	22556	8.130	753.4	33.4	33.2
2	Cement Concrete Pavement	M30	04/01/2018	01/02/2018	150.46 X 150.29 X 150.87	22613	8.220	741.7	32.8	
3	Cement Concrete Pavement	M30	04/01/2018	01/02/2018	150.19 X 150.10 X 150.32	22544	8.231	750.7	33.3	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-01-08-07** **Date: 12/01/2018**

Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.

Address : Project Sub Division, BBMP, Bangalore.

Project Name : Constructions of CC Roads and Drains at LBS Nagara in Ward No.04

Agency : Sri.R. Subramani, No.105, 3rd Circular Road, Nandini Layout, Bangalore-560096

Customer's Reference : EE(Project)/YnkZone/WO/81/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 08-01-18

Sample ID No : 2018-01-08-07/05

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 12/01/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	05/01/2018	12/01/2018	150.21 X 150.11 X 150.41	22548	8.280	529.9	23.5	23.8
2	Cement Concrete Pavement	M30	05/01/2018	12/01/2018	150.21 X 150.22 X 150.42	22565	8.230	537.0	23.8	
3	Cement Concrete Pavement	M30	05/01/2018	12/01/2018	150.53 X 150.44 X 150.43	22646	8.270	545.8	24.1	

Note:

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